

Application of **JACOBSON** and **RAMSEY**  
Application No. 09/759,590

suspension. It is now requested that further action on the present application not be suspended and that the application be reconsidered in view of the corrected claims of the '328 patent and in view of the amendments and remarks submitted in the response of December 11, 2007.

Respectfully submitted,

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Enclosure: Copy of Certificate of Correction

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,790,328 B2  
APPLICATION NO. : 09/759590  
DATED : September 14, 2004  
INVENTOR(S) : Stephen C. Jacobson et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Column 10: Claim 9 should read as follows.

9. A method of spatially confining a material stream in a microfluidic device, said method comprising the steps of:

providing a microfluidic device that includes a substrate having first, second, third, and fourth microchannels formed therein, wherein said first, second, third, and fourth microchannels communicate at a first intersection, said first microchannel is connected to a source of a first material, and said third and fourth microchannels each contain buffer material;

providing a first focusing channel in said substrate having one end in fluid communication with a source of a focusing material and a second end in fluid communication with said first channel between said source of the first material and the first intersection;

transporting a stream of the first material through said first channel toward the first intersection, said stream of first material having a width;

transporting a stream of the focusing material from the first focusing channel into said first channel, such that the width of the stream of first material in said first channel is narrowed;

transporting streams of the buffer material through the third and fourth channels into said first channel; and

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

controlling flow of the buffer material from the third and fourth channels into the first channel such that the buffer material expands, maintains, or further, confines the stream the first material.

Column 10: Claim 10 should read as follows.

10. A method as set forth in Claim 9 comprising the steps of:

providing a second focusing channel in said body having one end in fluid communication with a source of focusing material and a second end in fluid communication with said first channel between the source of the first material and the first intersection; and

transporting a second stream of the focusing material from the second focusing channel into said first channel such that the width of the stream of the first material in said first channel is narrowed.

Column 10: Claim 11 should read as follows.

11. A method as set forth in Claim 10 wherein the first material, the focusing streams, and the buffer material are transported through their respective microchannels electrokinetically, by pressure, or by a combination of electrokinetic and pressure driven means.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10: Claim 12 should read as follows.

12. A method as set forth in Claim 9 wherein the first material, the focusing stream, and the buffer material are transported through their respective microchannels electrokinetically, by pressure, or by a combination of electrokinetic and pressure driven means.



Signed and Sealed this  
Fifteenth Day of January, 2008

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*